

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-179127

(43)Date of publication of application : 11.07.1997

(51)Int.Cl.

G02F 1/1337

G02F 1/1335

(21)Application number : 07-337483

(71)Applicant : SHARP CORP

(22)Date of filing : 25.12.1995

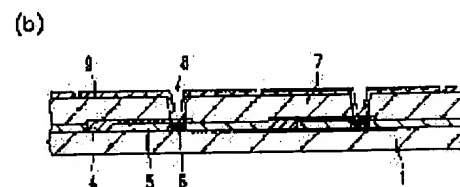
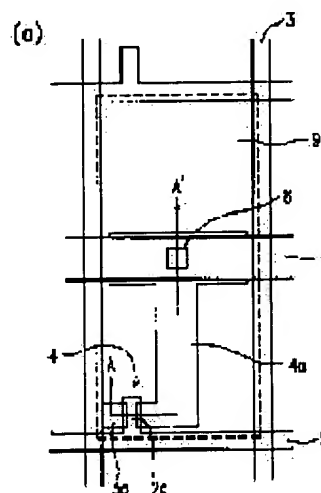
(72)Inventor : YAMADA NOBUAKI
KANZAKI SHUICHI

(54) LIQUID CRYSTAL DISPLAY ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the characteristics of the angle of visibility and transmissivity.

SOLUTION: A gate bus line 2, source bus line 3 and thin film transistor (TFT) 4 are formed on a substrate 1. An inter-layer insulating film 7 is formed while covering these elements, and a contact hole 8 is formed on the inter-layer insulating film 7. A picture element electrode 9 is formed on this inter-layer insulating film 7, and the picture element electrode 9 and the TFT 4 are electrically connected through the contact hole 8. The area composed of liquid crystal provided for a display medium installed between an active matrix substrate in such configuration and a counter substrate not shown in the figure is orientated in more than two directions.



LEGAL STATUS

[Date of request for examination] 23.07.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than

the examiner's decision of rejection or
application converted registration]

[Date of final disposal for application]

[Patent number] 3167605

[Date of registration] 09.03.2001

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office